Author Index

Adamczyk, M., Chen, Y.-Y., Fishpaugh, J.R. and Gebler, J.C.
Preparation and high-performance liquid chromatographic analysis of *syn* and *anti* isomers of steroidal 3-(O-carboxymethyl) oximes 657(1993)345

Allen, L.B. and Koropchak, J.A.
Comparison of the effects of extra-column aerosol and liquid-phase volumes on high-performance liquid chromatographic separations with inductively coupled plasma detection 657(1993)192

Asukabe, H., Murata, H., Harada, K.-I., Suzuki, M., Oka, H. and Ikai, Y.
Improvement of chemical analysis of antibiotics. XX. Basic study on high-performance liquid chromatographic determination of four polyether antibiotics pre-derivatized with 1-bromoacetylpyrene 657(1993)349

Baru, M.B. and Kozlovsky-Vagenina, I.V.
Ion-exchange chromatography with a soft sorbent operating in a pressurized column 657(1993)199

Bellot, J.C. and Condoret, J.S.
Selection of competitive adsorption model for modelling displacement chromatography 657(1993)305

Bergman, M., Dohmen, R., Claessens, H.A. and Cramers, C.A.
Determination of the molecular mass of heparin samples by size-exclusion chromatography applying non-identical standards 657(1993)33

Berthelot, P., see Vaccher, C. 657(1993)213

Bian, H., see Gao, J. 657(1993)95

Bryan, T.G., see Mourey, T.H. 657(1993)377

Burford, M.D., Hawthorne, S.B. and Miller, D.J.
Evaluation of drying agents for off-line supercritical fluid extraction 657(1993)413

Busson, R., see Van Schepdael, A. 657(1993)208

Buttrill, Jr., S.E., see Salomon, K. 657(1993)139

Carpio, R.A., Jandik, P. and Fallon, E.
Capillary electrophoresis methods for the trace cation analysis of semiconductor grades of hydrogen peroxide 657(1993)185

Carr, P.W., see Nawrocki, J. 657(1993)229

Chauvaux, N., Van Dongen, W., Esmans, E.L. and Van Onckelen, H.A.
Liquid chromatographic–mass spectrometric determination of 1-aminocyclopropane-1-carboxylic acid in tobacco 657(1993)337

Chen, Y.-Y., see Adamczyk, M. 657(1993)345

Claessens, H.A., see Bergman, M. 657(1993)33

Comellas, L., Portillo, J.L. and Vaquero, M.T.
Development of an analytical procedure to study linear alkylbenzenesulphonate (LAS) degradation in sewage sludge-amended soils 657(1993)25

Condoret, J.S., see Bellot, J.C. 657(1993)305

Corradini, R., see Galaverna, G. 657(1993)43

Cramers, C.A., see Bergman, M. 657(1993)33

Curtis, W.R., see Reddy, G.R. 657(1993)440

Deacon, M., Smyth, M.R. and Tuinstra, L.G.M.Th.
Chromatographic separations of metal chelates present in commercial fertilizers. I. Development of a gel permeation chromatographic separation method for the identification of metal chelates in commercial fertilizers 657(1993)69

Deasy, J.B., see Smith, R.M. 657(1993)63

Debaert, M., see Vaccher, C. 657(1993)213

Del Río, J.C., García-Mollá, J., González-Vila, F.J. and Martín, F.
Flash pyrolysis–gas chromatography of the kerogen and asphaltene fractions isolated from a sequence of oil shales 657(1993)119

De Munari, E., see Galaverna, G. 657(1993)43

Diez, M., see Galceran, M.T. 657(1993)77

Dohmen, R., see Bergman, M. 657(1993)33

Dossena, A., see Galaverna, G. 657(1993)43

Dunlap, R.B., see Harris, S.E. 657(1993)395

Duval, M., see Leblanc, Y. 657(1993)111

Early, R.J., see Suzuki, E.Y. 657(1993)204

Esmans, E.L., see Chauvaux, N. 657(1993)337

Essen, L.-O. and Skerra, A.
Single-step purification of a bacterially expressed antibody F_v fragment by immobilized metal affinity chromatography in the presence of betaine 657(1993)55

Esteban, J.L., Martínez-Castro, I. and Sanz, J.
Evaluation and optimization of the automatic thermal desorption method in the gas chromatographic determination of plant volatile compounds 657(1993)155

Fallon, E., see Carpio, R.A. 657(1993)185

Fishpaugh, J.R., see Adamczyk, M. 657(1993)345

Flores, H.E., see Reddy, G.R. 657(1993)440

Galaverna, G., Corradini, R., De Munari, E., Dossena, A. and Marchelli, R.
Chiral separation of unmodified amino acids by ligand-exchange high-performance liquid chromatography using copper(II) complexes of L-amino acid amides as additives to the eluent 657(1993)43

Galceran, M.T., Diez, M. and Paniagua, L.
Determination of phosphate in samples with high levels of sulphate by ion chromatography 657(1993)77

Gao, J., Bian, H., Hou, J. and Kang, J.
Simultaneous determination of inorganic anions and cations by ion chromatography with indirect photometric detection 657(1993)95

García-Mollá, J., see del Río, J.C. 657(1993)119

Gebler, J.C., see Adamczyk, M. 657(1993)345

Gharaibeh, A., see Murugaverl, B. 657(1993)223

Gilbert, R., see Leblanc, Y. 657(1993)111

González-Vila, F.J., see del Río, J.C. 657(1993)119

Grant, R., see Wigfield, Y.Y. 657(1993)219

Greener, J., see Mourey, T.H. 657(1993)377

Haken, J.K.
Gas–liquid–solid chromatography (by V.G. Berezkin) (Book Review) 657(1993)227

Harada, K.-I., see Asukabe, H. 657(1993)349
Haraguchi, K., see Yamashita, T. 657(1993)405
Harmon, B.J., Patterson, D.H. and Regnier, F.E.
Electrophoretically mediated microanalysis of ethanol 657(1993)429
Harris, S.E., Silks, L.A. III, Dunlap, R.B., Odom, J.D. and Kosh, J.W.
Synthesis of novel tellurium containing analogues of choline and acetylcholine and their quantitation by pyrolysis–gas chromatography–mass spectrometry 657(1993)395
Hawthorne, S.B., see Burford, M.D. 657(1993)413
Herdewijn, P., see Van Schepdael, A. 657(1993)208
Holzbauer, H.-R., see Trathnigg, B. 657(1993)365
Hoogmartens, J., see Van Schepdael, A. 657(1993)208
Hou, J., see Gao, J. 657(1993)95
Hubert, J., see Leblanc, Y. 657(1993)111
Ibarra, I., see Periago, J.F. 657(1993)147
Ibarra, I., see Prado, C. 657(1993)131
Ikai, Y., see Asukabe, H. 657(1993)349
Jalbert, J., see Leblanc, Y. 657(1993)111
Jandik, P., see Carpio, R.A. 657(1993)185
Janoš, P.
Study of complex-forming equilibria between divalent metal cations and some inorganic anions using ion chromatography 657(1993)435
Janssen, G., see Van Schepdael, A. 657(1993)208
Jiménez, M.I., see Sanz, J. 657(1993)103
Kang, J., see Gao, J. 657(1993)95
Keffer, S.S., see Stover, F.S. 657(1993)450
Kido, A., see Yamashita, T. 657(1993)405
Kissinger, P.T.
Voltammetric determination of molecules of biological significance (by W.F. Smyth) (Book Review) 657(1993)458
Kleiböhmer, W., see Meyer, A. 657(1993)327
Koropchak, J.A., see Allen, L.B. 657(1993)192
Kosh, J.W., see Harris, S.E. 657(1993)395
Kozlovsky-Vagenina, I.V., see Baru, M.B. 657(1993)199
Kraak, J.C., see Stegeman, G. 657(1993)283
Lalaguna, F.
Purification of fresh cassava root polyphenols by solid-phase extraction with Amberlite XAD-8 resin 657(1993)445
Law, B. and Weir, S.
Quantitative structure–retention relationships for secondary interactions in cation-exchange liquid chromatography 657(1993)17
Leblanc, Y., Gilbert, R., Jalbert, J., Duval, M. and Hubert, J.
Determination of dissolved gases and furan-related compounds in transformer insulating oils in a single chromatographic run by headspace/capillary gas chromatography 657(1993)111
Macken, E., see Van Schepdael, A. 657(1993)208
Maier, B., see Trathnigg, B. 657(1993)365
Marchelli, R., see Galaverna, G. 657(1993)43
Martín, F., see del Río, J.C. 657(1993)119
Martínez-Castro, I., see Esteban, J.L. 657(1993)155
Martínez-Castro, I., see Sanz, J. 657(1993)103
Matsushita, M., see Wada, H. 657(1993)87
Matushita, H., see Yamashita, T. 657(1993)405
McCormick, A., see Nawrocki, J. 657(1993)229
Meyer, A. and Kleiböhmer, W.
Supercritical fluid extraction of polycyclic aromatic hydrocarbons from a marine sediment and analyte collection via liquid–solid trapping 657(1993)327
Miller, D.J., see Burford, M.D. 657(1993)413
Mourey, T.H., Bryan, T.G. and Greener, J.
Size-exclusion chromatography of poly(ethylene terephthalate) and related polymers in methylene chloride–dichloroacetic acid 657(1993)377
Much, H., see Trathnigg, B. 657(1993)365
Murata, H., see Asukabe, H. 657(1993)349
Murugaverl, B., Gharaibeh, A. and Voorhees, K.J.
Mixed adsorbent for cleanup during supercritical fluid extraction of three carbamate pesticides in tissues 657(1993)223
Nakagawa, G., see Wada, H. 657(1993)87
Narum, D.L., Welling, G.W. and Thomas, A.W.
Ion-exchange–immunoaffinity purification of a recombinant baculovirus *Plasmodium falciparum* apical membrane antigen, PF83/AMA-1 657(1993)357
Nawrocki, J., Rigney, M.P., McCormick, A. and Carr, P.W.
Chemistry of zirconia and its use in chromatography (Review) 657(1993)229
Nickless, G., see O'Doherty, S.J. 657(1993)123
O'Doherty, S.J., Simmonds, P.G. and Nickless, G.
Analysis of replacement chlorofluorocarbons using carboxen microtraps for isolation and preconcentration in gas chromatography–mass spectrometry 657(1993)123
Odom, J.D., see Harris, S.E. 657(1993)395
Ohtsuka, C., see Wada, H. 657(1993)87
Oka, H., see Asukabe, H. 657(1993)349
Ou, Q., see Song, L. 657(1993)175
Paniagua, L., see Galceran, M.T. 657(1993)77
Patterson, D.H., see Harmon, B.J. 657(1993)429
Periago, F., see Prado, C. 657(1993)131
Periago, J.F., Prado, C., Ibarra, I. and Tortosa, J.
Application of thermal desorption to the biological monitoring of organic compounds in exhaled breath 657(1993)147
Poppe, H., see Stegeman, G. 657(1993)283
Portillo, J.L., see Comellas, L. 657(1993)25
Prado, C., Periago, F., Ibarra, I. and Tortosa, J.
Evaluation of isoflurane in air by thermal desorption–gas chromatography 657(1993)131
Prado, C., see Periago, J.F. 657(1993)147
Reddy, G.R., Signs, M.W., Flores, H.E. and Curtis, W.R.
Reversed-phase liquid chromatographic isolation of lubimin and solavetivone from *Hyoscyamus muticus* "hairy" root cultures 657(1993)440
Regnier, F.E., see Harmon, B.J. 657(1993)429
Rigney, M.P., see Nawrocki, J. 657(1993)229
Roets, E., see Van Schepdael, A 657(1993)208
Rutan, S.
Diode array detection in HPLC (edited by L. Huber and S.A. George) (Book Review) 657(1993)457
Salomon, K. and Buttrill, Jr., S.E.
Optimization of ion trap parameters for the analysis of dilute samples in the presence of an interfering matrix. Analysis of polychlorinated biphenyls in transformer oil 657(1993)139

Sanz, J., Jiménez, M.I. and Martínez-Castro, I.
Characterization of capillary column stationary phases by statistical analysis of retention data 657(1993)103
Sanz, J., see Esteban, J.L. 657(1993)155
Schügerl, K.
Principles and practices of solvent extraction (edited by J. Rydberg, C. Musikas and G.R. Choppin) (Book Review) 657(1993)455
Shitangkoon, A., Staerk, D.U. and Vigh, G.
Gas chromatographic separation of the enantiomers of volatile fluoroether anesthetics using derivatized cyclodextrin stationary phases. Part I 657(1993)387
Signs, M.W., see Reddy, G.R. 657(1993)440
Silks, L.A. III, see Harris, S.E. 657(1993)395
Simmonds, P.G., see O'Doherty, S.J. 657(1993)123
Skerra, A., see Essen, L.-O. 657(1993)55
Smith, R.M. and Deasy, J.B.
Separation of novel polyol surfactants on polystyrene and octadecylsilyl bonded silica columns 657(1993)63
Smyth, M.R., see Deacon, M. 657(1993)69
Snider, N . see Wigfield, Y.Y. 657(1993)219
Song, L., Ou, Q. and Yu, W.
Improved capillary zone electrophoretic separation of basic proteins in an uncoated fused-silica capillary by using ethylene diamine as a buffer additive 657(1993)175
Staerk, D.U., see Shitangkoon, A. 657(1993)387
Stegeman, G., Kraak, J.C., Poppe, H. and Tijssen, R.
Hydrodynamic chromatography of polymers in packed columns 657(1993)283
Stover, F.S. and Keffer, S.S.
Separation of condensed phosphates using capillary zone electrophoresis with indirect UV detection 657(1993)450
Sun, Y., Zhang, R., Wang, Q. and Xu, B.
Programmed-temperature gas chromatographic retention index (Review) 657(1993)1
Suzuki, E.Y. and Early, R.J.
High-performance liquid chromatographic separation of phenylthiocarbamyl derivatives of amino acids from protein hydrolysates using a Partisphere C_{18} column 657(1993)204
Suzuki, M., see Asukabe, H. 657(1993)349
Thamer, D., see Trathnigg, B. 657(1993)365
Thomas, A.W., see Narum, D.L. 657(1993)357
Tijssen, R., see Stegeman, G. 657(1993)283
Tortosa, J., see Periago, J.F. 657(1993)147
Tortosa, J., see Prado, C. 657(1993)131
Trathnigg, B., Thamer, D., Yan, X., Maier, B., Holzbauer, H.-R. and Much, H.
Characterization of ethoxylated fatty alcohols using liquid chromatography with density and refractive index detection. I. Quantitative analysis of pure homologous series by size-exclusion chromatography 657(1993)365
Tuinstra, L.G.M.Th., see Deacon, M. 657(1993)69
Vaccher, C., Berthelot, P. and Debaert, M.
Direct chromatographic separation of the enantiomers of phaclofen, saclofen and hydroxysaclofen. Influence of the anionic moiety 657(1993)213
Van Dongen, W., see Chauvaux, N. 657(1993)337
Van Onckelen, H.A., see Chauvaux, N. 657(1993)337
Van Schepdael, A., Macken, E., Busson, R., Janssen, G., Herdewijn, P., Roets, E. and Hoogmartens, J.
Stability study of 2′-deoxyuridine by liquid chromatography 657(1993)208
Vaquero, M.T., see Comellas, L. 657(1993)25
Vigh, G., see Shitangkoon, A. 657(1993)387
Voorhees, K.J., see Murugaverl, B. 657(1993)223
Wada, H., Matsushita, M., Yasui, T., Yuchi, A., Yamada, H., Nakagawa, G. and Ohtsuka, C.
Ion chromatography of alkaline earth and heavy metal ions by on-column derivatization with bisazochromotropic acid 657(1993)87
Wang, Q., see Sun, Y. 657(1993)1
Weir, S., see Law, B. 657(1993)17
Welling, G.W., see Narum, D.L. 657(1993)357
Wigfield, Y.Y., Grant, R. and Snider, N.
Gas chromatographic and mass spectrometric investigation of seven carbamate insecticides and one metabolite 657(1993)219
Wroński, M.
Concept of effective mass and hidden mass for calculation of mobility of organic anions and peptides 657(1993)165
Xu, B., see Sun, Y. 657(1993)1
Yamada, H., see Wada, H. 657(1993)87
Yamashita, T., Haraguchi, K., Kido, A. and Matushita, H.
Determination of chlordane in air by gas chromatography–mass spectrometry with selected ion monitoring 657(1993)405
Yan, X., see Trathnigg, B. 657(1993)365
Yasui, T., see Wada, H. 657(1993)87
Yuchi, A., see Wada, H. 657(1993)87
Yu, W., see Song, L. 657(1993)175
Zhang, R., see Sun, Y. 657(1993)1

Erratum

J. Chromatogr., 644 (1993) 11–16

Page 13, Figs. 1 and 2 should be interchanged (the captions are correct).